

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
17 July 2003 (17.07.2003)

PCT

(10) International Publication Number
WO 03/057235 A2(51) International Patent Classification⁷: A61K 38/00

(21) International Application Number: PCT/GB03/00062

(22) International Filing Date: 10 January 2003 (10.01.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

0200507.2 10 January 2002 (10.01.2002) GB

60/392,109 28 June 2002 (28.06.2002) US

PCT/US02/31944

24 September 2002 (24.09.2002) US

[AU/US]; 6724 S.E. 19th Avenue, Portland, OR 97202 (US). **CONE, Roger** [US/US]; 16563 S. Hattan Road, Oregon City, OR 97045 (US). **LOW, Malcolm** [NZ/US]; 4650 S.W. Upper Drive, Lake Oswego, OR 97035 (US). **BUTLER, Andrew** [NZ/US]; 3730 S.W. 12th Avenue, Apartment 10, Portland, OR 97201 (US). **BLOOM, Stephen, Robert** [GB/GB]; Imperial College Innovations Limited, 47 Prince's Gate, Exhibition Road, London SW7 2QA (GB). **SMALL, Caroline, Jane** [GB/GB]; Imperial College Innovations Limited, 47 Prince's Gate, Exhibition Road, London SW7 2QA (GB). **BATTERHAM, Rachel, Louise** [GB/GB]; Imperial College Innovations Limited, 47 Prince's Gate, Exhibition Road, London SW7 2QA (GB). **GHATEI, Mohammad, Ali** [GB/GB]; Imperial College Innovations Limited, 47 Prince's Gate, Exhibition Road, London SW7 2QA (GB).

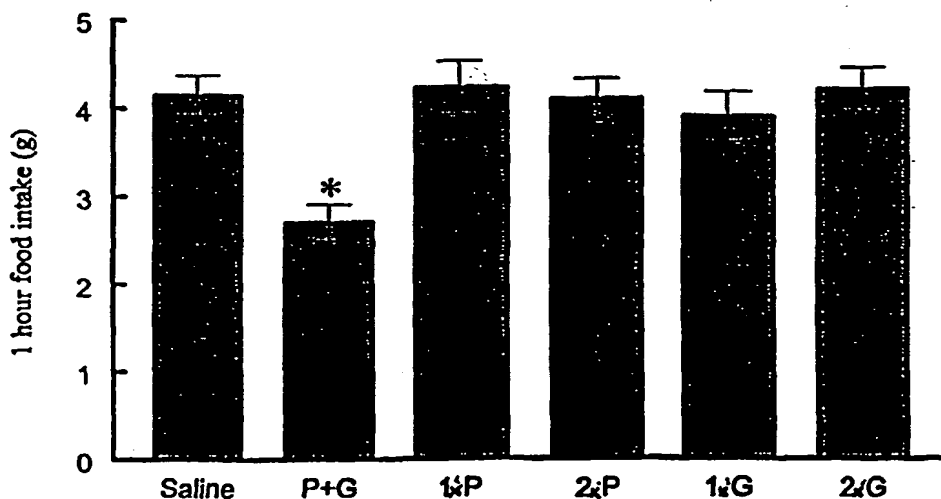
(71) Applicants (for all designated States except US): **IMPERIAL COLLEGE INNOVATIONS LTD** [GB/GB]; 47 Prince's Gate, Exhibition Road, London SW7 2QA (GB). **OREGON HEALTH AND SCIENCE UNIVERSITY** [US/US]; 2525 S.W. First Avenue, Suite AD-120, Portland, OR 97201 (US).

(74) Agents: **SILVESTON, Judith** et al.; Abel & Imray, 20 Red Lion Street, London WC1R 4PQ (GB).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE,

[Continued on next page]

(54) Title: MODIFICATION OF FEEDING BEHAVIOR



(57) Abstract: Methods are disclosed for decreasing calorie intake, food intake, and appetite in a subject. The methods include peripherally administering PYY or an agonist thereof and GLP-1 or an agonist thereof to the subject, simultaneously or sequentially, thereby decreasing the calorie intake of the subject.

Best Available Copy